

LITTLE VARIATIONS MEAN SO MUCH

Of course, the smallest variation in baby's weight is extremely important to mother—and to the whole family, for all that. But did you know that little variations in dimensions are just as important to us in building fine motor cars?

The diameter of the piston pins we fit into your engine may vary only three ten-thousandths of an inch from our rigid standards, or about one eighth of the thickness of this sheet of paper. And the accuracy of our instruments is tested several times daily against gauges measuring to one one-hundred-thousandthof an inch.

Precision almost equally fine helps us to balance every moving part in your car. With a special "blinker machine" we may peep 3,000 times per minute at, for instance, a moving valve spring and so inspect it as though it were at rest. Another machine spins an engine crankshaft into a blur and then shows us by a moving finger of light whether it will run smooth and true in your motor. And into each motor we place a "matched set" of pistons and connecting rods, exactly equal in weight. And on, through flywheel, clutch, propellershaft and wheels, we carry this same balance. Even the tires are balanced so they'll stop in any position and stay there!

Are we carrying precision and careful workmanship to extremes at Oakland this year? Well, perhaps. But, as we see more and more people buying our cars, and the evident pride they are taking in them, we feel that our extra effort has been well worth while.

OAKLAND 8
PRODUCTS OF



PONTIAC 6

G E N E R A L M O T O R S

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